

Datasheet for ABIN2724103

KEAP1 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)**1** Image**21** Publications[Go to Product page](#)

Overview

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|-------------------------------|---|
| Quantity: | 20 µg |
| Target: | KEAP1 |
| Protein Characteristics: | Transcript Variant 1 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This KEAP1 protein is labelled with Myc-DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |

Product Details

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| Characteristics: | <ul style="list-style-type: none">• Recombinant human KEAP1 (transcript variant 1) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone |
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |

Target Details

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| Target: | KEAP1 |
| Alternative Name: | Keap1 (KEAP1 Products) |
| Background: | <p>This gene encodes a protein containing KELCH-1 like domains, as well as a BTB/POZ domain.</p> <p>Kelch-like ECH-associated protein 1 interacts with NF-E2-related factor 2 in a redox-sensitive manner and the dissociation of the proteins in the cytoplasm is followed by transportation of NF-E2-related factor 2 to the nucleus. This interaction results in the expression of the catalytic</p> |

Target Details

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| | subunit of gamma-glutamylcysteine synthetase. Two alternatively spliced transcript variants encoding the same isoform have been found for this gene. |
| Molecular Weight: | 69.5 kDa |
| NCBI Accession: | NP_987096 |
| Pathways: | Maintenance of Protein Location |

Application Details

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| Application Notes: | Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays |
| Comment: | The tag is located at the C-terminal. |
| Restrictions: | For Research Use only |

Handling

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| Concentration: | 50 µg/mL |
| Buffer: | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

Publications

| | |
|-------------------|--|
| Product cited in: | Pan, Zhou, Mahsut, Rohm, Berejnaia, Price, Chen, Castro-Perez, Lassman, McLaren, Conway, Jensen, Thomas, Reyes-Soffer, Ginsberg, Gutstein, Cleary, Previs, Roddy: "Static and turnover kinetic measurement of protein biomarkers involved in triglyceride metabolism including apoB48 and apoA5 by LC/MS/MS." in: Journal of lipid research , Vol. 55, Issue 6, pp. 1179-87, (2016) (PubMed). |
| | Chen, Chung, Wu, Ng, Yu, Tsai, Chang, Liang, Tsui, Chen: "Comparative Tissue Proteomics of Microdissected Specimens Reveals Novel Candidate Biomarkers of Bladder Cancer." in: Molecular & cellular proteomics : MCP , (2015) (PubMed). |
| | Cantó, Tintoré, Villar, Costa, Nurtdinov, Álvarez-Cermeño, Arrambide, Reverter, Deisenhammer, |

Publications

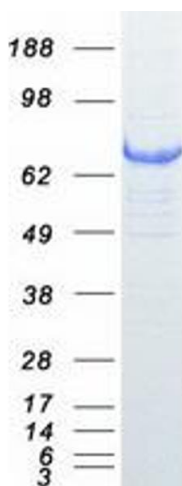
Hegen, Khademi, Olsson, Tumani, Rodríguez-Martín, Piehl, Bartos, Zimova, Kotoucova, Kuhle, Kappos et al.: "Chitinase 3-like 1: prognostic biomarker in clinically isolated syndromes. ..." in: **Brain : a journal of neurology**, Vol. 138, Issue Pt 4, pp. 918-31, (2015) ([PubMed](#)).

Wen, Ma, Cheng, Jiang, Xu, Zhang, Zhang, Guo, Yu, Xu, Qian, Cao, An: "Stk38 protein kinase preferentially inhibits TLR9-activated inflammatory responses by promoting MEKK2 ubiquitination in macrophages." in: **Nature communications**, Vol. 6, pp. 7167, (2015) ([PubMed](#)).

Lin, Sivakumaran, Jones, Li, Harper, Wei, Jin, Rustanti, Meunier, Spann, Harrich: "A HIV-1 Tat mutant protein disrupts HIV-1 Rev function by targeting the DEAD-box RNA helicase DDX1." in: **Retrovirology**, Vol. 11, pp. 121, (2015) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)

Images



Western Blotting

Image 1. Validation with Western Blot